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ABSTRACT

This guide lists sources of information about the field of education and its various areas, and is divided into seven sections which are based on the format of the publications described. The sections cover (1) yearbooks and encyclopedias providing general overviews of education, both in the United States and internationally; (2) directories; (3) dictionaries and glossaries; (4) guides focusing on audiovisual materials, educational periodicals, programmed learning materials, projects, referral, research, selection tools, and reviewing sources; (5) indexes, both manual and online; (6) the ERIC system and its 16 clearinghouses; and (7) publications dealing with statistical information. An appendix lists guides to both public and private funding agencies, including foundations and federal grant sources. (FM)

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GUIDE TO EDUCATIONAL RESOURCES

Fourth Edition

Revised and Updated

ERIC Clearinghouse on Information Resources

Syracuse University

1979

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INTRODUCTION

In the face of the ever increasing amount of information available in the field of education, this fourth edition of the Guide to Educational Resources has been updated on a selective basis, excluding many valuable but more general social science reference sources, to concentrate more specifically on the field of education and its various areas. Where possible, guides to sources of additional information are provided in preference to catalogs or lists of specific items. For example, the user is referred to the 1978 publication of the Consortium of Associations for Educational Dissemination, Private Organizations and Associations, for listings of education associations, professional membership organizations, educational laboratories and centers, advocacy groups, education-related organizations, multimedia organizations, and foundations. The 150 listings included in this directory provide far more information than the scope of this guide would permit, and the publication is available as ERIC document ED 162 632 both in the microfiche collection and on an individual order basis (microfiche or paper copy) from the ERIC Document Reproduction Service.

Designed for use by the education specialist who receives, processes, and fulfills client requests for information needed to resolve specific curricular, instructional, or administrative problems, this guide has been updated as of fall 1979. Several items published before 1975 are included for lack of more recent editions or other sources to cover the topic area; for most entries, the latest edition listed in Books in Print or the publisher's catalog is given, although

in some cases the original publication is provided together with its updates; e.g., the NICEM catalogs.

The original document was published by the Far West Laboratory for Educational Research and Development as part of an instructional system, "The Educational Information Consultant: Skill in Disseminating Educational Information." Previous editions prepared by the ERIC Clearinghouse on Information Resources were published in 1974 (ED 094 710), 1975-76 (ED 112 888), and 1976 (ED 127 960).

GUIDE TO THE BIBLIOGRAPHY

This bibliography is divided into seven sections, generally based on the format of the publications included rather than the subject area. Some information sources other than publications are also described, i.e., the ERIC system, EPIE, and the National Referral Center Research Services. The latter two organizations are listed under guides, which is subdivided by the type of information provided. A list of guides to funding sources--too general to be included in the main body of the bibliography--is appended as an aid in responding to queries on that perennial problem in education.

The following brief descriptions of materials included in each category are intended to assist the user in locating the desired information by indicating some of the subject areas covered in each group. The citations are numbered consecutively through the bibliography, and these numbers are used in providing cross references for publications on the same topic that are listed in different categories.

Yearbooks and Encyclopedias

The seven items listed provide general overviews of education, both in the U.S. and on the international scene, as well as in the specific areas of adult and continuing education, educational media and technology, equal education opportunity, educational evaluation, higher education, and special education.

Directories

These 20 publications list and provide information on consultants, databases, educational institutions and faculty, educational networks and agencies (public and private), professional associations, school systems and school personnel, and prominent educators. A New York state directory is listed as a sample of the directories available from state departments of education.

Dictionaries and Glossaries

Definitions of terminology and acronyms used in education and education statistics are included in this category, together with the subject index terms (called descriptors) used in ERIC, and a biographical dictionary. A dictionary of terms in educational technology is included in the nine items listed as a sample of the resources available for coping with the specialized vocabularies in the various subject areas.

Guides

Two general guides to educational information introduce this section, which is subdivided by the topic and/or type of information furnished.

Audiovisual Materials. This category includes guides to locating various types of audiovisual materials, reference materials about media and their use, and selected lists of audiovisual materials. Twenty-six references are listed.

Educational Periodicals. Two guides provide information on periodicals for prospective subscribers and/or authors.

Programmed Learning Materials. The single item lists and describes materials available in a wide range of subject areas at several levels.

Projects. Educational programs and curriculum projects are briefly described in these two entries.

Referral. The research services of the National Referral Center are indicated.

Research. The two items listed describe products of research projects and review research and research issues in various areas of specialization.

Selection Tools and Reviewing Sources. These eight items are concerned for the most part with media and instructional materials. Also included are a source for reviews of equipment, two bibliographies, a guide to specific types of materials, and discussion of selection criteria, issues, and policies.

Indexes

These seven indexes provide access to the periodical literature as well as proceedings, yearbooks, bulletins, monographs, teaching materials, reports, curriculum guides, and database collections. Those indexes which are online as well as in print are indicated, together with the vendors who make them available for computer searching.

ERIC System

This review of the components of the ERIC system includes a brief description of each of the 16 clearinghouses which process material for the database and instructional materials on conducting both manual and computer literature searches of the ERIC files.

Statistical Information

Six publications include education statistics and projections, an almanac of U.S. education, and a digest of statistical information. A related glossary is listed with the dictionaries and glossaries.

Appendix: Guides to Funding Sources

Guides to both public and private agencies are listed, including foundations and federal grant sources.

YEARBOOKS AND ENCYCLOPEDIAS

1. Anderson, Scarvia, Samuel Ball, and Richard T. Murphy. Encyclopedia of Educational Evaluation: Concepts and Techniques for Evaluating Education and Training Programs. San Francisco: Jossey-Bass, 1974. 515pp. $17.50.

   This is designed to explain the evaluation techniques recently developed to measure programs in such areas as career education, compensatory education, competency-based education, self-assessment, and lifelong learning. The body of the encyclopedia is arranged alphabetically by subject. A 25-page bibliography, a name index, a subject index, and a classified listing of the articles under 11 major concept areas add to the usefulness of the book.

2. Educational Media Yearbook 1978. Edited by James W. Brown. 5th ed. New York: R.R. Bowker, 1978. 531pp. $25.00.

   Designed as a ready reference source of information for educational media specialists in school settings, librarians, and educational technologists, this fifth edition contains "The Year in Review," a series of state-of-the-art papers; "Mediagraphy: Print and Nonprint Resources"; and "Guide to Organizations, Training Programs, and Funding Sources."

3. The International Encyclopedia of Higher Education. Edited by Asa S. Knowles and others. San Francisco: Jossey-Bass, 1977. 10 vols. $400.00.

   This encyclopedia includes essays on 198 national systems of higher education, multinational viewpoints on 282 themes in higher education, articles on 142 fields of study, lists of 314 educational associations, 91 research centers, 71 reports on higher education, and a lengthy list of documentation centers. Also provided are a glossary, an acronym list, classified indexes, see also references, and an author list. Biographical entries and descriptions of individual institutions (except the Open University) are excluded.

4. International Yearbook of Educational and Instructional Technology 1978/79. Edited by Anne Howe and A.J. Romiszowski. London: Kogan Page, 1978. 765pp. $24.00.

   Published under the auspices of the Association for Programmed Learning and Educational Technology in Great Britain, this

yearbook is designed to promote communication and cooperation throughout the educational technology field. Sections include trends and readings, current state of the technology, a directory to centers of activity and organizations, and guides to programmed materials and AV media on the market.

5. Sourcebook of Equal Educational Opportunity. 2nd ed. Chicago: Marquis Academic Media, 1977. 686pp. $34.50.

Yearbook of Adult and Continuing Education, 1977-1978. 3rd ed. Chicago: Marquis Academic Media, 1977. 672pp. $37.50.

Yearbook of Special Education, 1977-1978. Chicago: Marquis Academic Media, 1977. 700pp. $34.50.

These volumes following the familiar patterns of Standard Education Almanac and Yearbook of Higher Education contain a broad variety of quantitative and narrative information selected to provide a state-of-the-art compendium.

DIRECTORIES

6. Backer, Thomas E. A Directory of Information on Tests. TM Report 62. Princeton, New Jersey: ERIC Clearinghouse on Tests, Measurement, and Evaluation, 1977. 42pp. ED 152 802. $0.83 microfiche, $3.32 paper copy (EDRS), plus postage.

   A directory of books and journal articles, test information systems, and supplementary sources of interest to those seeking test-related information. Includes information searching strategies.

7. CEDaR Directory. Washington, D.C.: Council for Educational Development and Research, Inc., 1979. 50pp. $4.00.

   Member agencies and organizations actively involved in educational research are listed with their addresses, phone numbers, and principal officers. One-paragraph descriptions of each of the major programs of these organizations also are given. Directories of key officials in the National Institute of Education and the Office of Education are appended.

8. Databases and Clearinghouses. Information Resources for Education. Information Series No. 130. Edited by James V. Bina, John C. Peterson, and Ida Marie Halasz. Columbus, Ohio: Ohio State University, Research and Development Exchange, The National Center for Research in Vocational Education, 1978. 129pp. ED 162 634. $0.83 microfiche (EDRS) plus postage, $3.50 paper copy (NICD, 1815 N. Lynn St., Suite 1000, Arlington, VA 22209).

   The one-page descriptions provided for 55 databases of interest to people in education include the type of information available from the databases, acronym, size, publications, update frequency, search aids, and information contact. One-page summaries of 12 clearinghouses are also included, as well as a sample search question with answers from 20 of the databases. See also citations 12, 70-92.

9. Directory of Public Schools and Administrators: New York State. Albany, New York: University of the State of New York, State Education Department, Information Center on Education, annual. $1.50.

   Lists names, addresses, phone numbers, and superintendents for every school district by county; principals, addresses and phone numbers for individual schools; superintendents, addresses and phone numbers for Board of Cooperative Educational Services districts; and indexes school districts

by name. Also available: Directory of Private Schools and Administrators: New York State. See also citations 17, 21, 95.

10. Dissemination Networks: Information Resources for Education. San Francisco: Far West Laboratory for Educational Research and Development, 1978. 82pp. ED 162 633. $0.83 microfiche (EDRS), plus postage, $3.50 paper copy (NICD, 1815 N. Lynn St., Suite 1000, Arlington, VA 22209).

Contains descriptive information on 22 networks sponsored by the National Institute of Education or the U.S. Office of Education, including acronym, sponsor, functions, members, target audience, description, publications, and contact person.

11. Feller, Barbara A., comp. Directory of Federal Agency Education Data Tapes. Washington, D.C.: U.S. Government Printing Office, 1976. 177pp. $3.00 (NCES 76-206).

In a congressionally-mandated effort to provide better coordination among federal agencies concerned with collection and use of education data, NCES organized the Federal Interagency Consortium of Users of Education Statistics. They produced this directory of education databases available on computer tape from agencies of the federal goverment conducting education-related research and maintaining data systems.

12. Guide to DIALOG--Databases. Palo Alto, California: Lockheed Information Systems, 1977- . Vols. I-III completed. $30.00 each volume.

The three volumes completed in 1977 and 1978 provide detailed descriptions of 75 of the databases available on the DIALOG information retrieval service. Information provided for each database includes subject coverage, sources, inclusive dates of coverage, a sample printout and summary of retrieval methods, search options, search examples, a list of search aids, and a source for further information. Databases include ERIC, Psychological Abstracts, Social Scisearch, NICSEM/NIMIS, NICEM, Sociological Abstracts, Foundation Grants Index, and Comprehensive Dissertation Abstracts. See also citations 8, 70-92.

13. Human Resources Directories and Files in Education. Information Series No. 160. Edited by James V. Bina and Ida Halasz-Salster. Columbus, Ohio: Ohio State University, The National Center for Research in Vocational Education, 1979. 32pp. IR 007 871. To be available through EDRS (use IR number to find ED number for ordering). $0.83 microfiche, $3.32 paper copy, plus postage.

    This publication describes 15 human resource directories and files--compilations of information about individuals with particular areas of expertise who can provide assistance to educators. Also includes section on how to develop a human resource directory. See also citations 14, 15, 18, 29.

14. Leaders in Education. 5th ed. Compiled by Jacques Cattell Press. New York: R.R. Bowker, 1974. 1309pp. $52.50.

    Detailed biographical sketches are provided for some 17,000 key persons in the field of education, both in the United States and Canada. These include heads of colleges and universities, professors in colleges of education, key people on accreditation boards, leaders in the public and non-public school field, officials of major educational associations, and authors of pedagogical books. See also citations 13, 15, 18, 29.

15. National Faculty Directory 1979. 9th ed. Detroit: Gale Research Company, 1979. 2 vols. 2475pp. $125.00/set.

    Researchers and consultants in education often are college or university faculty members. Some 449,000 names from almost 3,000 U.S. and selected Canadian institutions of higher education are listed with institutional affiliation, departmental designation, city, state, and zip code. See also citations 13, 14, 18, 29.

16. National Referral Center. Directory of Federally Supported Information Analysis Centers. 3rd ed. Washington, D.C.: Library of Congress, 1974. 55pp. $1.45 microfiche, $3.75 paper copy (NTIS).

    A selective listing of information analysis centers operating within a federal agency or supported by federal funds, the directory includes an index of subject areas covered by the listed centers, as well as personal names, organizations, and geographic indexes. A fourth edition is currently being compiled.

17. Patterson's American Education. Vol. 75. Edited by Norman F. Elliott and Joan Stair. Mount Prospect, Illinois: Educational Directories, 1978. 760pp. $35.00.

Published annually in November, this directory covers the entire United States, listing addresses for state departments of education, public school systems, private schools, colleges, and universities. The entries are organized by state and community. Colleges and universities, private and special schools are indexed by subject. See also citations 9, 21, 95.

18. Piele, Philip K. and Stuart C. Smith. Directory of Organizations and Personnel in Educational Management. 6th ed. Eugene, Oregon: University of Oregon, ERIC Clearinghouse on Educational Management, 1979. 79pp. ED 172 308. $5.95.

Focusing on elementary and secondary education, this 6th edition lists 162 organizations and 522 individual researchers in the field of educational management, which is defined as "all aspects of leadership, administration, and structure of public and private educational organizations and the provision of facilities for their operation." See also citations 13-15, 29.

19. Private Organizations and Associations: Information Resources for Education. Arlington, Virginia: Consortium of Associations for Educational Dissemination, 1978. 183pp. ED 162 632. $0.83 microfiche (EDRS), plus postage, $3.50 paper copy (NICD, 1815 N. Lynn St., Suite 1000, Arlington, VA 22209).

An overview of current private-sector educational communication networks and activities designed to improve educational information access and dissemination. Includes information on education associations, professional organizations, educational labs and centers, advocacy groups, education-related organizations, multimedia organizations, and foundations.

20. Subject Directory of Special Libraries and Information Centers. Vol 2: Education and Information Science Libraries. Edited by Margaret Labash Young, Harold Chester Young, and Anthony T. Kruzas. Detroit: Gale Research Company, 1977. 204pp. $48.00.

Designed for use by subject specialists and librarians needing access to a limited number of subject entries, the Subject Directory presents the entries from the basic directory in a convenient subject arrangement. This directory includes picture, audiovisual, publishing, rare book, and recreational libraries, as

well as education and information science libraries in the United States and Canada.

21. U.S. Office of Education. Education Directory. Washington, D.C.: U.S. Government Printing Office.

Parts of this continuing series are published by the Office of Education and the National Center for Education Statistics. Copies are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, as well as at some local government bookstores. See also citations 9, 17, 95.

Education Directory. Colleges and Universities. 1977-78. $6.00. (Stock No. 017-080-01861-6). A directory of all accredited institutions, arranged by state, including two-year college level programs, and occupational studies beyond grade 12.

Education Directory. Education Associations. 1976. $1.85. (Stock No. 017-080-01538-2). National, college, state and regional associations, foundations, etc. Subject index.

Education Directory. Public School Systems. 1977-78. $3.75. (Stock No. 017-080-01900-1). Lists, by state, names, and other basic information (location of superintendent, zip code, grade span, enrollment), all elementary and secondary school systems.

Education Directory: State Education Agency Officials. 1978-79. $2.75. (Stock No. 017-080-02004-1).

DICTIONARIES AND GLOSSARIES

22. Association for Educational Communications and Technology. Task Force on Definition and Terminology. Educational Technology: Definition and Glossary of Terms. Volume I. Washington, D.C.: Association for Educational Communications and Technology, 1977. 365pp. $24.95.

This first volume deals with the development and production of learning resources; the second will consider terms related to their management. The glossary is organized according to function and derivation; terms derived from theory, design, production, evaluation and selection, materials, devices, and techniques are defined together. All terms are indexed in a single alphabet as well.

23. Dictionary of Education. 3rd ed. Edited by Carter V. Good. New York: McGraw-Hill, 1973. 681pp. $25.00.

This third edition, financed by Phi Delta Kappa, represents the work of a team of specialists, who chose the entries by scientifically checking various education indexes. The clearly-defined words extend into the related fields of psychology, sociology, and philosophy. Foreign words are also covered.

24. International Bureau of Education. Terminology: Unesco: IBE Education Thesaurus. Paris: Unesco, 1978. 348pp.

A faceted list of terms for indexing and retrieving documents and data in the field of education, with French and Spanish equivalents. Sections include general headings for fields and facets, an alphabetical and faceted array of descriptors and identifiers, and a rotated list of descriptors.

25. International Dictionary of Education. Edited by G. Terry Page and J.B. Thomas. New York: Nichols Publishing Co., 1977. 381pp. $20.00.

A practical guide and reference work to the international language of education, from pre-school to post-doctoral levels, containing definitions for over 10,000 multi-lingual expressions and specialized terms, as well as information on organizations, programs, and reports.

26. Kawakami, Toyo S. Acronyms in Education and the Behavioral Sciences. Chicago: American Library Association, 1971. 192pp. $6.00.

This dictionary lists more than 2,000 of those elusive series of initials, arranged in straight alphabetical order, with address and zip code in most cases. It includes verification sources and an alphabetical index by institution.

27. Laubacher, Marilyn, comp. A Glossary of ERIC Terminology. Syracuse, New York: Syracuse University, ERIC Clearinghouse on Information Resources, 1978. 24pp. ED 168 506. $0.83 microfiche (EDRS), plus postage, $2.00 (IR-28, Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210).

Definitions are oriented for the user who is unfamiliar with the specialized terminology of the ERIC system and computerized information retrieval. See also citations 70-92.

28. National Center for Education Statistics. Combined Glossary: Terms and Definitions from the Handbooks of the State Educational Records and Reports Series. Washington, D.C.: U.S. Government Printing Office, 1974. 293pp. $5.25. (Stock No. 017-080-01389-4).

Contains terms and their definitions found in the handbooks of standard educational terminology constituting the State Educational Records and Reports Series. See also citations 93-96.

29. Ohles, John F., ed. Biographical Dictionary of American Educators. Westport, Connecticut: Greenwood Press, 1978. 3 vols. $95.00.

The substantial biographical entry for each of the more than 1600 educators listed includes a summary of major contributions and a bibliography of works by and about the subject. Appendices provide access by birthplace, state of major service, field of work, and year of birth. A chronology of important dates in American educational history is also appended. See also citations 13-15, 18.

30. Thesaurus of ERIC Descriptors. 7th ed. New York: Macmillan Information, 1977. 451pp. $9.95.

This thesaurus is the source of subject headings used for indexing and for retrieval of documents and report literature in the Educational Resources Information Center (ERIC) collection, as well as journal articles indexed in CIJE. It also is used extensively in education libraries. A new

edition with substantial revisions is scheduled for publication by Oryx Press in mid-1980, and will be available for $13.20. See also citations 27, 70-92.

GUIDES

31. Ralston, Valerie H., ed. Education: Guide to Selected Sources. Storrs, Connecticut: The University of Connecticut Library, 1977. 44pp.

    Designed as a resource for graduate students in education, sections include guides to the literature, dictionaries, and encyclopedias, bibliographies, computer access to information and audiovisual materials, educational tests, statistics, directories and grant information. Indexed by authors and subject/selected titles.

32. Woodbury, Marda. A Guide to Sources of Educational Information. Washington, D.C.: Information Resources Press, 1976. 371pp. $25.00.

    This guide to educational information in the United States contains descriptions of more than 700 published and institutional information sources. A section on the location and use of information sources is also included. Four potential sources of information are discussed: printed materials which consolidate, update, or lead to further sources of information; libraries; organizations and government agencies; and special research or bibliographic services. The annotations are descriptive and sometimes evaluative. There are author, title, and subject indexes.

Audiovisual Materials

33. Aspen Handbook on the Media, 1977-79 Edition. Edited by William L. Rivers, Wallace Thompson, and Michael J. Nyhan. New York: Praeger Publishers (with the Aspen Institute for Humanistic Studies), 1977. 454pp. $6.95 (paper edition, available from Aspen Publications).

    A guide to the media available today with over 700 listings and descriptions of media publications, universities with communications programs, institutional and foundation-sponsored research, communications law courses, libraries and archives, media action groups, government policy-making bodies in communications, and national and international media organizations. Designed to stimulate exchange and cooperation between policy-makers and researchers.

34. Dodge, Bernard J. Audiovisual Resources for Teaching Instructional Technology: An Annotated Listing. Syracuse, New York: Syracuse University, ERIC Clearinghouse on Information Resources, 1978. 77pp. ED 152 337. $0.83 microfiche (EDRS), plus postage, $5.00 (IR-23, Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210).

More than 600 items in various media formats are listed in four categories: overview, conceptual roots of instructional technology, applications to instruction, and media production and use. Indexes of titles and sources are included.

35. Educational Film Locator of the Consortium of University Film Centers and R.R. Bowker Company. 1st ed. Compiled by Willard D. Phillipson and Emery I. Koltay. New York: R.R. Bowker, 1978. 2 vols. 2178pp. $45.00.

A catalog of all 16mm films held by the 50 member institutions in the Consortium of University Film Centers (CUFC). Arranged alphabetically with a subject/utilization heading and grade level index, the book lists approximately 37,000 films. Bibliographic, rental, and purchasing data included.

36. Horn, Robert E., ed. Guide to Simulations-Games for Education and Training: Library Edition. (Combined Academic and Business Simulations/Games). Lexington, Massachusetts: Information Resources, Inc., 1976. 2 vols. 600pp. $27.00 (Order from Didactic Systems, Inc., Box 457, Cranford, New Jersey 07016).

The guide includes detailed descriptions of over 1,400 simulations and games and chapters on instructional use of simulation/games, how they can be developed, a demonstration session for use in introducing simulation/games to staff, and new trends in the field.

37. Klempner, Irving M. Audiovisual Materials in Support of Information Science Curricula. Syracuse, New York: Syracuse University, ERIC Clearinghouse on Information Resources, 1977. 76pp. ED 148 365. $0.83 microfiche (EDRS), plus postage, $4.25 (IR-18, Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210).

Access to the 451 items listed and described is provided by a subject index, and an availability source is included in each annotation.

38. Lieberman, Irving. A Working Bibliography of Commercially Available Audiovisual Materials for the Teaching of Library Science. Syracuse, New York: Syracuse University, ERIC Clearinghouse on Information Resources, 1979. 115pp. $8.50 (IR-36, Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210).

A selective, non-evaluative bibliography of commercially available films, filmstrips, slides, video and audio tapes, overhead transparencies, and non-projected graphic materials (such as charts) for which citations were found in various bibliographies. Includes a title index and a directory of producers and distributors.

39. National Center for Audio Tapes. National Center for Audio Tapes 1974-1976 Catalog. Boulder, Colorado: University of Colorado, Educational Media Center, 1974. 341pp. $4.50.

Over 12,000 audiotapes are listed under seven subject areas. Information on each tape includes its subject classification, grade level, series title and description, producer, individual program title, running time, series stock number, and individual stock number. A 1976-1980 supplement is available free of charge.

40. National Information Center for Educational Media (NICEM), University of Southern California, Los Angeles, California 90007.

Index to Educational Audio Tapes. 4th ed. 1977. $47.00 ($28.50 microfiche).

Index to Educational Overhead Transparencies. 5th ed. 1977. 2 vols. $75.50 ($39.50 microfiche).

Index to Educational Records. 4th ed. 1977. $47.00 ($23.50 microfiche).

Index to Educational Slides. 3rd ed. 1977. $42.50 ($22.00 microfiche).

Index to Educational Video Tapes. 4th ed. 1977. $29.50 ($14.50 microfiche).

Index to Environmental Studies--Multimedia. 1st ed. 1977. $34.50 ($18.50 microfiche).

Index to Health and Safety Education--Multimedia. 3rd ed. 1977. $47.00 ($23.50 microfiche).

Index to Producers and Distributors. 4th ed. 1977. $24.00 ($12.00 microfiche).

Index to Psychology--Multimedia. 3rd ed. 1977. $47.00 ($23.50 microfiche).

Index to Vocational and Technical Education--Multimedia. 3rd ed. 1977. $47.00 ($23.50 microfiche).

Index to 8mm Motion Cartridges. 5th ed. 1977. $47.00 ($23.50 microfiche).

Index to 16mm Educational Films. 6th ed. 1977. 4 vols. $109.50 ($67.50 microfiche).

Index to 35mm Educational Filmstrips. 6th ed. 1977. 3 vols. $86.50 ($45.50 microfiche).

Each of these volumes lists material under subjects and titles and contains from 10,000 to 90,000 annotated entries. Sources are listed with a complex code but no prices. Quarterly updates are available. (New editions are scheduled for publication February through September 1980.) Computer access to the indexes is available through Lockheed's DIALOG.

41. National Information Center for Educational Media. Update of Non-Book Media. 4th ed. 1978-79. Los Angeles: University of Southern California, 1978. $555.00 bound copy ($278.00 in microfiche) (Free if you buy five or more NICEM indexes).

    This subscription service is published four times a year to update and supplement all previous NICEM indexes. Each edition provides information about 3,000-4,000 entries which may be located by title, term or topic, or subject guide. (See other NICEM publications described in entry no. 40.)

42. 1980 Catalog of Television and Audiovisual Materials. Bloomington, Indiana: Agency for Instructional Television, 1979. 129pp. Free.

    Includes descriptions of program projects developed jointly by

AIT (a non-profit American-Canadian organization established to strengthen education through television and other technologies) and state and provincial agencies. AIT acquires and distributes television and related print materials for use as learning resources; most series in the catalog can be rented or purchased, and are available in more than one format. Indexed by grade and subject.

43. Ohliger, John and David Gueulette. Media and Adult Learning: A Bibliography with Abstracts, Annotations, and Quotations. New York: Garland, 1975. $38.00.

Organized in 59 sections under four categories--Issues in Media, Media Types, Program or Subject Area, and General Combining Concepts--the 1651 items included are drawn from ERIC resources, other clearinghouses, and dissertation listings. Although there are no author, corporate, or title indexes, there are cross-references.

44. Rosenberg, Kenyon C. and John S. Doskey. Media Equipment: A Guide and Dictionary. Littleton, Colorado: Libraries Unlimited, 1976. 190pp. $11.50.

This reference tool for educational media users and equipment purchasers provides a brief section on general criteria for equipment selection; discussion of relevant qualitative criteria applied to specific types of equipment; and a dictionary of 400 technical terms. Evaluative checklists and illustrations appear throughout.

45. Rufsvold, Margaret I. Guides to Educational Media. 4th ed. Chicago: American Library Association, 1977. 168pp. $5.00.

A comprehensive listing of currently available published catalogs which are devoted to nonprint educational media: films, filmstrips, multimedia kits, programmed instruction, materials, recordings on disc and tapes, slides, transparencies, videotapes. It is considerably larger than the third edition.

46. Taggart, Dorothy T. A Guide to Sources in Educational Media and Technology. Metuchen, New Jersey: Scarecrow Press, 1975. 164pp. $6.00.

A guide to a well-balanced and up-to-date collection for the university library in the field of educational media and technology; for the elementary and secondary professional

library for teachers; and for graduate students in the library media field.

Educational Periodicals

47. Arnold, Darlene Baden and Kenneth O. Doyle, Jr. Education-Psychology Journals: A Scholar's Guide. Metuchen, New Jersey: Scarecrow Press, 1975. 143pp. $6.00.

Intended to aid those considering subscriptions and those with articles to submit, this guide contains detailed descriptions of 122 journals that consistently publish articles bearing on the interface of psychology with education. The typical entry includes title, address, subscription data, and an elaborate description of the journal's publication policies.

48. Camp, William L. and Bryan L. Schwark. Guide to Periodicals in Education and Its Academic Disciplines. Metuchen, New Jersey: Scarecrow Press, 1975. 552pp. $19.50.

This guide to educational periodicals provides information to educators who wish to submit articles for publication and indexes periodicals available in specialized fields. It is arranged by broad categories, with good descriptions of editorial policies and manuscript requirements. Title and editor indexes are included.

Programmed Learning Materials

49. Hendershot, Carl H., comp. Programmed Learning and Individually Paced Instruction--Bibliography. 5th ed. Bay City, Michigan: Hendershot Programmed Learning Consultants, 1977. 361pp. Basic bibliography and 4 supplements. $70.00.

Described are over 3500 units of instruction in 167 subject

areas involving learner self-pacing and self-testing. Descriptions include content, level, prerequisites, and intended applications. All levels of education are covered. Complete ordering information is given.

Projects

50. Brandes, O. Jean. Projects, Products, and Services of the National Center for Education Statistics. Washington, D.C.: U.S. Government Printing Office, 1976. 130pp. $2.05 (NCES 76-236).

    Addressed to users of NCES statistics, this publication includes project summaries organized by major program area such as Elementary and Secondary Education, Adult and Occupational Education, and Higher Education. Each summary is divided into Description, Purpose and Uses, Publications, and Tapes (if available).

51. Twenty Years of Science and Mathematics Curriculum Development. The Tenth Report of the International Clearinghouse. Edited by J. David Lockard and others. College Park, Maryland: University of Maryland, Science Teaching Center, 1977. 541pp. ED 141 182. $1.00 microfiche, $33.32 paper copy (EDRS), plus postage; $10.00 (The International Clearinghouse, Science Teaching Center, University of Maryland, College Park, MD 20742).

    The tenth report of the International Clearinghouse includes detailed information on the major science and mathematics curriculum projects throughout the world that are now in developmental or active dissemination stages. It provides background on each project including objectives and unique characteristics, teacher training, materials availability and costs, evaluation, and research and publicity references. A 20-year cumulative directory to all projects cited in previous reports (1956-1976) is included.

Referral

52. National Referral Center. Research Services, Library of Congress, Washington, D.C. 20540. Telephone Number: (202) 287-5670.

    Directs questions to appropriate organizations by using a special subject-indexed referral database.

Research

53. Catalog of NIE Education Products 1975. Washington, D.C.: U.S. Government Printing Office, 1976. 2 vols. 1592pp. (Vol. 1, Stock No. 017-080-01555-2, $10.00; Vol. 2, Stock No. 017-080-01556-1, $12.00).

    Contains descriptions of 660 research and development based educational products sponsored by the National Institute of Education, including the product's objectives, target audience, implementation procedures, staff and time requirements, evaluation data, materials and equipment needed, cost, and source of product. Indexed by subject, user, developer/author, media, developers' geographic locations, and product page.

    Also available: Catalog of NIE Education Products: Subject and Title Index. Compiled by Sharon Adams. Washington, D.C.: U.S. Government Printing Office, 1978. 79pp.

54. Travers, Robert M.W., ed. Second Handbook of Research on Teaching. Chicago: Rand McNally, 1973. 1400pp. $40.00.

    This handbook includes review articles on 42 areas of specialization within the broad topics of: research on teaching, methods and techniques of research and development, special problems of teaching, and teaching of school subjects. Many chapters feature a discussion of research issues within their field.

Selection Tools and Reviewing Sources

55. Daniel, Evelyn H. Media in the Library: A Selected, Annotated Bibliography. Syracuse, New York: Syracuse University, ERIC Clearinghouse on Information Resources, 1978. 98pp. ED 168 590. $0.83 microfiche (EDRS), plus postage, $5.25 (IR-32, Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210).

    This resource tool for the practicing librarian faced with problems of selection, acquisition, production, organization of nonprint materials, and the provision of an integrated program of services, lists more than 400 books and journal articles.

56. EPIE Institute, 475 Riverside Drive, New York, New York 10027. Telephone Number: (212) 870-2330.

    EPIE systematically analyzes and collects user data on instructional materials, audiovisual equipment, and test equipment. Findings published in EPIEgram: Materials ($24.00/18 issues/year). EPIEgram: Equipment ($24.00/18 issues/year); EPIE members ($100.00 fee) receive the two newsletters and 8 EPIE reports.

57. Learning Independently. 1st ed. Edited by Paul Wasserman, James Sanders, and Elizabeth Talbot Sanders. Detroit: Gale Research Company, 1979. 394pp.

    Contains 3,198 entries and offers a comprehensive directory of self-teaching materials, products, and services which adults may use to improve their understanding and enhance their professional or technical skills through independent study. Arranged by subject with the specific learning materials listed under the appropriate subject by categories of material, and indexed by title and keyword, author, and producers and distributors.

58. Rawnsley, David E. A Comparison of Guides to Non-Print Media. Stanford, California: Stanford University, ERIC Clearinghouse on Information Resources, 1975. 50pp. ED 104 375. $0.83 microfiche (EDRS), plus postage, $3.00 (IR-9, Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210).

    Written by a staff member of an educational resource center, this paper compares dozens of guides to nonprint media to aid the reader in selecting appropriate ones. It includes a

listing of comprehensive guides, plus smaller listings of specific guides in particular curriculum areas.

59. Schrank, Jeffrey. The Seed Catalog: A Guide to Teaching/Learning Materials. Boston: Beacon Press, 1974. 374pp.

Includes publications, organizations, unusual periodicals, recordings of spoken words, films, videotapes, games, multi-media sets and devices for learning which are listed and described in a catalog format, and chosen as provocative, creative, inexpensive, and effective alternatives to traditional resources.

60. Sive, Mary Robinson. Selecting Instructional Media: A Guide to Audiovisual and Other Instructional Media Lists. Littleton, Colorado: Libraries Unlimited, 1978. 304pp. $13.50.

This guide to instructional media for grades K-12 describes 428 selected, published lists of audiovisual and other media, with an additional 132 items mentioned in the annotations. There are five indexes to the entries, which include bibliographic description and address, purpose, grade level, arrangement, subjects, entries, indexes, period covered, updating, media and producers represented, features, and subject index terms.

61. Superka, Douglas P., Christine Ahrens, and Judith E. Hedstrom. Values Education Sourcebook: Conceptual Approaches, Materials Analyses, and an Annotated Bibliography. Boulder, Colorado: Social Science Education Consortium, 1976. 262pp. ED 118 465. $0.83 microfiche, $16.82 paper copy (EDRS), plus postage.

In addition to background information and discussion of issues, this sourcebook contains typologies of approaches to values education, analyses of curricular materials organized according to educative modes, an annotated bibliography of more than 400 items, and a final statement of perspective.

62. Woodbury, Marda. Selecting Materials for Instruction: Vol. 1, Issues and Policies. Littleton, Colorado: Libraries Unlimited, 1979. ca. 400pp. (price not yet set)

Summarizes current issues and policies in selection and evaluation of instructional materials. Includes sample forms, checklists, and directories of organizations and key publications.

INDEXES

63. Current Index to Journals in Education (CIJE). New York: Macmillan Information, 1969-February 1979. Phoenix, Arizona: Oryx Press, March 1979-present. Monthly, $80.00 per year, $80.00 for 1980 semiannual cumulations.

Funded through the National Institute of Education's Educational Resources Information Center (ERIC), this is an author-subject-journal contents indexing of over 700 education-related journals. Its subject headings (descriptors) are taken from the Thesaurus of ERIC Descriptors and are compatible with those in Resources in Education (RIE). It is issued monthly with semiannual cumulations. The one- to two-sentence annotations of journal articles are perhaps its most valuable feature. CIJE may be searched by computer through Lockheed's DIALOG, Bibliographic Retrieval Services, and System Development Corporation's ORBIT. See also citations 70-92.

64. Education Index. New York: H.W. Wilson, 1929-present. Monthly, September-June, annual cumulations. Various pricing, depending on volume. Sold on service basis.

This is still a basic index to educational literature, issued ten times yearly and cumulated annually. In addition to periodicals, it also indexes proceedings, yearbooks, bulletins, monographs, and some U.S. government materials. The index was by author and subject from 1929 to 1961, subject only from 1961 to 1969, and is once more both author and subject in one listing. About 250 of the more accessible journals are indexed here. Items may appear here before they appear in CIJE. Book reviews are indexed separately. Not searchable by computer.

65. Exceptional Child Education Resources. Reston, Virginia: Council for Exceptional Children, 1969-present. Quarterly, $35.00 (individual); $65.00 (institutional).

Contains published and unpublished material on the education of handicapped and gifted children, such as books, journal articles, teaching materials, and reports. May be searched by computer through Lockheed's DIALOG.

66. The 1979 Fearon Pitman Curriculum Development Library. Cumulative Indexes. 7 volumes. Belmont, California: Fearon Pitman Publishers, 1979. 1029pp.

These indexes provide access to the Fearon Pitman Curriculum Development Library, a microfiche collection devoted to curriculum documents and guides solicited from school districts and curriculum libraries that show educational requirements, programs, and teaching practices for grades K-12 throughout the U.S. and Canada. Entries are arranged by subject area using key-words found in Volume 1. Access is also possible by document title and geographical source.

67. Resources in Education (RIE). Washington, D.C.: Government Printing Office, 1967-present. Monthly, $42.70 per year, $18.00 for semi-annual indexes.

This is the monthly abstract journal of the Educational Resources Information Center (ERIC), sponsored by the National Institute of Education. It includes resumes of documents selected by 16 Clearinghouses located across the country, as well as current Office of Education and National Institute of Education research projects. The reports are indexed by subject, author or investigator, and institution, and most are available in microfiche and/or paper copy from the ERIC Document Reproduction Service, P.O. Box 190, Arlington, Virginia 22210. See also citations 70-92.

68. Resources in Vocational Education. Columbus, Ohio: National Center for Research in Vocational Education, 1977-present. Bimonthly, annual index. $34.00.

From 1967-1976, this index was entitled Abstracts of Instructional and Research Materials in Vocational and Technical Education (formed by the merger of Abstracts of Research and Related Materials in Vocational and Technical Information and Abstracts of Instructional Materials in Vocational and Technical Information). The AIM/ARM database (1967-1976) containing materials on vocational and technical education is searchable by computer on Lockheed's DIALOG. References from 1977-present are part of the ERIC database. See also citations 70-92.

69. Resources in Women's Educational Equity. San Francisco: Women's Educational Equity Communications Network, 1977-present. Annual. (Available from U.S. Government Printing Office; 1979 Volume 3 No. 1 is Stock No. 017-080-02014-9, $6.50; Volumes 1 and 2 available for $7.25 from WEECN, Far West Laboratory for Educational Research and Development, 1855 Folsom Street, San Francisco, CA 94103.)

Material in the 1979 volume 3, number 1 was compiled from 13 bibliographic databases--DAI, ERIC, ABI/INFORM, AGRICOLA, Management Contents, MEDLARS, Magazine Index, National

Technical Information Service, Psychological Abstracts, Public Affairs Information Service, Sociological Abstracts, America: History and Life, and the National Information Center for Educational Media--as it pertained to women's educational equity. For the most part, subject index headings used are from the Thesaurus of ERIC Descriptors. Also includes author and institution indexes.

ERIC SYSTEM

ERIC Clearinghouses

ERIC (Educational Resources Information Center) is a national information system designed and supported by the National Institute of Education to organize and disseminate otherwise fugitive research and practitioner materials: results of exemplary programs, project reports, research and development reports, and other educational information. Its major indexes, Resources in Education (RIE) for documents in its microfiche collection, and Current Index to Journals in Education (CIJE) for education journals, are both discussed in the Index section. See also citations 8, 12, 27, 30, 63, 67, 68.

70. The central Office of ERIC is in the National Institute of Education:

Central ERIC, National Institute of Education, Information Resources Division, Educational Resources Information Center, 1200 19th Street, N.W., Washington, DC 20208

71. ERIC documents on microfiche and in paper copy are available by ED order number from:

ERIC Document Reproduction Service (EDRS)
Computer Microfilm International Corporation,
P.O. Box 190, Arlington, Virginia 22210

The organization of information is done by 16 Clearinghouses, each of which has a field of specialization and access to the experts who know what is happening. In most cases, the Clearinghouses work in conjunction with universities, professional associations, and other institutions. Besides acquiring, accessing, reviewing, and abstracting the documents listed each month in RIE, they prepare bibliographies and interpretations of research, which also are listed in RIE. The abstracts of documents listed each month in RIE are grouped alphabetically by Clearinghouse prefix initials, so that products of each Clearinghouse can be followed monthly.

Since Clearinghouses generally have limited resources for providing detailed replies to inquiries for information on specific topics, educators are urged to subscribe to Resources in Education and to request specific Clearinghouse newsletters, research summaries, and bibliographies to locate desired information. The Clearinghouses and their areas of specialization are listed below. The letters listed before the scope are Clearinghouse prefixes.

For sources of computer searches of the ERIC files, see:

Pugh, Elizabeth, Murray L. Howder, Wesley T. Brandhorst, and Eilene Weber. Directory of ERIC Search Services. (Issue 3). Washington, D.C.: National Institute of Education, 1978. 61pp. Free from the ERIC Processing and Reference Facility, ORI, Inc., 4833 Rugby Avenue, Suite 303, Bethesda, MD 20014.

72. ERIC Clearinghouse on ADULT, CAREER, AND VOCATIONAL EDUCATION, Ohio State University, National Center for Research in Vocational Education, 1960 Kenny Road, Columbus, Ohio 43210 Telephone Number: (614) 486-3655

(CE) Adult, career, and vocational education, formal and informal at all levels, encompassing attitudes, self-knowledge, and specific vocational and occupational skills; adult and continuing education, formal and informal, relating to occupational, family, leisure, citizen, organizational, and retirement roles; vocational and technical education, including new sub-professional fields, industrial arts, and vocational rehabilitation for the handicapped.

73. ERIC Clearinghouse on COUNSELING AND PERSONNEL SERVICES, University of Michigan, 2108 School of Education Building, Ann Arbor, Michigan 48109 Telephone Number: (313) 764-9492

(CG) Preparation, practice, and supervision of counselors at all educational levels and in all settings; theoretical development of counseling and guidance; use and results of personnel procedures such as testing, interviewing, disseminating, and analyzing such information; group work and case work; nature of pupil, student, and adult characteristics; personnel workers and their relation to career planning, family consultations, and student orientation activities.

74. ERIC Clearinghouse on EDUCATIONAL MANAGEMENT, University of Oregon, Eugene, Oregon 97403 Telephone Number: (503) 686-5043

(EA) Leadership, management, and structure of public and private educational organizations; practice and theory of administration; preservice and inservice preparation of administrators, tasks, and processes of administration; methods and varieties of organization, organizational change, and social context of the organization.

Sites, buildings, and equipment for education; planning, financing, constructing, renovating, equipping, maintaining, operating, insuring, utilizing, and evaluating educational facilities.

75. ERIC Clearinghouse on ELEMENTARY AND EARLY CHILDHOOD EDUCATION, University of Illinois, College of Education, Urbana, Illinois 61801 Telephone Number: (217) 333-1386

(PS) Prenatal factors, parental behavior; the physical, psychological, social, educational, and cultural development of children from birth through the primary grades; educational theory, research, and practice related to the development of young children, including teacher preparation, educational programs and curricula related community services, groups and institutions, administration, and physical settings as well as theoretical and philosophical issues. Includes both the early years of childhood (ages 0-7) and the "middle years" (ages 8-12).

76. ERIC Clearinghouse on HANDICAPPED AND GIFTED CHILDREN, Council for Exceptional Children, 1920 Association Drive, Reston, Virginia 22091 Telephone Number: (703) 620-3660

(EC) Aurally handicapped, visually handicapped, mentally handicapped, developmentally disabled, abused/neglected, autistic, multiply handicapped, severely handicapped, physically handicapped, emotionallly disturbed, speech handicapped, learning disabled, and the gifted and the talented; behavioral, psychomotor, and communication disorders, administration of special education services; preparation and continuing education of professional and paraprofessional personnel; preschool learning and development of the exceptional; general studies on creativity.

77. ERIC Clearinghouse on HIGHER EDUCATION, George Washington University, One Dupont Circle, N.W., Suite 630, Washington, DC 20036 Telephone Number: (202) 296-2597

(HE) Various subjects relating to college and university students, college and university conditions and problems, college and university programs. Curricular and instructional problems and programs, faculty, institutional research. Federal programs, professional education (medical, law, etc.), graduate education, university extension programs, teaching-learning, planning, governance, finance, evaluation, interinstitutional arrangements, and management of institutions of higher education.

78. ERIC Clearinghouse on INFORMATION RESOURCES, Syracuse University, School of Education, 130 Huntington Hall, Syracuse, New York 13210 Telephone Number: (315) 423-3640

Research, development, delivery, and evaluation of information and instructional technology. Personnel, personnel development, strategies, systems, procedures, materials, and equipment used in the fields of information and education. Current areas include libraries; learning resource centers; information science; instructional design, development, and evaluation; systems analysis; community information systems; and instructional media, as well as strategies which flow from these topics: e.g., information transfer, mastery learning, simulation and gaming, programmed instruction, individualized instruction, and information brokering. Delivery of information and instruction through media such as television, computers, radio, films, microforms, holography, and other audiovisual devices.

79. ERIC Clearinghouse for JUNIOR COLLEGES, University of California, 96 Powell Library Building, Los Angeles, California 90024 Telephone Number: (213) 825-3931

(JC) Development, administration, and evaluation of two-year public and private community and junior colleges. Junior college students, staff, curricula, programs, libraries, and community services.

80. ERIC Clearinghouse on LANGUAGES AND LINGUISTICS, Center for Applied Linguistics, 1611 North Kent Street, Arlington, Virginia 22209 Telephone Number: (703) 528-4312

(FL) Languages and linguistics. Instructional methodology, psychology of language learning, cultural and intercultural content, application of linguistics, curricular problems and development, teacher training and qualifications, language sciences, psycho-linguistics, theoretical and applied linguistics, language pedagogy, bilingualism, and commonly taught languages including English for speakers of other languages.

81. ERIC Clearinghouse on READING AND COMMUNICATION SKILLS, National Council of Teachers of English, 1111 Kenyon Road, Urbana, Illinois 61801 Telephone Number: (217) 328-3870

(CS) Reading, English, and communication skills (verbal and nonverbal), preschool through college. Educational research and development in reading, writing, speaking, and listening. Identification, diagnosis, and remediation of reading problems. Speech communication--forensics, mass communication, interpersonal and small group interaction, interpretation, rhetorical and communication theory, instruction development, speech sciences, and theater.

Preparation of instructional staff and related personnel in these areas.

All aspects of reading behavior with emphasis on physiology, psychology, sociology, and teaching. Instructional materials, curricula, tests and measurement, preparation of reading teachers and specialists, and methodology at all levels. Role of libraries and other agencies in fostering and guiding reading. Diagnostic and remedial services in school and clinical settings.

82. ERIC Clearinghouse on RURAL EDUCATION AND SMALL SCHOOLS, New Mexico State University, Box 3AP, Las Cruces, New Mexico 88003 Telephone Number: (505) 646-2623

(RC) Education of Indian Americans, Mexican Americans, Spanish Americans, and migratory farm workers and their children; outdoor education; economic, cultural, social, or other factors related to educational programs in rural areas and small schools.

83. ERIC Clearinghouse for SCIENCE, MATHEMATICS, AND ENVIRONMENTAL EDUCATION, Ohio State University, 1200 Chambers Road, Third Floor, Columbus, Ohio 43212 Telephone Number: (614) 422-6717

(SE) All levels of science, mathematics, and environmental education. Within these fields, development of curriculum and instructional materials; media applications; impact of interest, intelligence, values, and concept development upon learning; preservice and inservice teacher education and supervision.

84. ERIC Clearinghouse for SOCIAL STUDIES/SOCIAL SCIENCE EDUCATION, 855 Broadway, Boulder, Colorado 80302 Telephone Number: (303) 492-8434

(SO) All levels of social studies and social science; content of disciplines; applications of learning theory, curriculum theory, child development theory, and instructional theory; research and development programs; special needs of student groups; education as a social science; history of education; comparative education; social studies/social science and the community; humanities education.

85. ERIC Clearinghouse on TEACHER EDUCATION, American Association of Colleges for Teacher Education, One Dupont Circle, N.W., Suite 616, Washington, D.C. 20036 Telephone Number: (202) 293-7280

(SP) School personnel at all levels; all issues from selection through preservice and inservice preparation and training to retirement; curricula; educational theory and philosophy; general education not specifically covered by the Educational Management Clearinghouse. All aspects of physical education.

86. ERIC Clearinghouse on TESTS, MEASUREMENT, AND EVALUATION, Educational Testing Service, Rosedale Road, Princeton, New Jersey 08541 Telephone Number: (609) 921-9000

(TM) Tests and other measurement devices; methodology of measurement and evaluation; application of tests, measurement, or evaluation in educational projects or programs.

87. ERIC Clearinghouse on URBAN EDUCATION, Teachers College, Columbia University, Box 40, 525 West 120th Street, New York, New York 10027 Telephone Number: (212) 678-3437

(UD) The relationship between urban life and schooling; the effect of urban experiences and environments from birth onward; the academic, intellectual, and social performance of urban children and youth in all schools from grade three through college entrance (including the effect of self concept, motivation, and other affective influences); education of urban, Puerto Rican, Cuban, and Asian American populations, and rural and urban black populations; programs and practices which provide learning experiences designed to meet the special needs of diverse populations served by urban schools and which build upon their unique as well as their common characteristics; structural changes in the classroom, school, school system, and community and innovative instructional practices which directly affect urban children and youth; programs, practices, and materials related to economic and ethnic discrimination, segregation, desegregation, and integration in education; issues, programs, practices, and materials related to redressing the curriculum imbalance in the treatment of ethnic minority groups.

Instructional Materials

88. How to Use ERIC. Washington, D.C.: National Institute of Education, 1978. 20pp. Free from ERIC Processing and Reference Facility, ORI, INC.,4833 Rugby Avenue, Suite 303, Bethesda, MD 20014.

An introduction to the Educational Resources Information Center (ERIC) system, including what it is and does, who can use it and how, network components, reference tools and how to use them, and product accessibility.

89. Jewell, Sharon and Wesley T. Brandhorst. Search Strategy Tutorial; Searcher's Kit. 1973. 86pp. ED 082 763. $0.83 microfiche, $6.32 paper copy (EDRS), plus postage.

This document is the workshop manual used during a three-hour tutorial session on ERIC search strategies. The discussion of the input phase of a computer search covers identification of user population, receiving the inquiry, and types of service. The actual mechanics of searching, search theory, and general and specific capabilities of ERIC are discussed. There is a practice session with three searches which are structured step-by-step. The output phase includes a discussion of output formats, evaluation, and record-keeping.

90. Markey, Karen and Pauline Atherton. ONTAP: Online Training and Practice Manual for ERIC Database Searchers. Syracuse, New York: Syracuse University, ERIC Clearinghouse on Information Resources, 1978. 198pp. ED 160 109. $0.83 microfiche (EDRS), plus postage, $7.00 (IR-24, Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210).

A self-instructional handbook designed to help searchers with some experience improve their online skills in searching the ERIC database. Includes an explanation of the search process, five search strategy formulation approaches with examples, and practice exercises and sample searches.

91. Simmons, Robert M. A Library User's Guide to ERIC. Rev. Ed. Syracuse, New York: Syracuse University, ERIC Clearinghouse on Information Resources, 1978. 34pp. ED 160 113. $0.83 microfiche, (EDRS), plus postage, $2.00 (IR-7, Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210).

This concise reference describes the major components of the ERIC system and provides detailed instructions for manual searches of RIE and CIJE. A bibliography and a directory of

ERIC Clearinghouses are included.

92. Yarborough, Judith. How to Prepare for a Computer Search of ERIC: A Non-Technical Approach. Stanford, California: Stanford University, ERIC Clearinghouse on Information Resources, 1975. 44pp. ED 110 096. $0.83 microfiche, $4.82 paper copy (EDRS), plus postage.

This monograph, designed for educators and information brokers who must channel computer search requests to search services, outlines the steps of an ERIC computer search. It includes a glossary and a bibliography on information retrieval and sources.

STATISTICAL INFORMATION

See also citation 28.

93. National Center for Education Statistics. 400 Maryland Avenue, S.W., Washington, D.C. 20202. EDSTAT II Data Files, Room 3059, FOB 6.

EDSTAT II, a terminal-accessed online education data access system inaugurated by the National Center on Education Statistics, will make available 23 data files on elementary and secondary education, postsecondary education, adult and vocational education, multi-level libraries, and socioeconomic census data. Information will be derived from one-time and recurring surveys of state departments of education, school districts, institutions of higher education, public and school libraries, students, teachers, and the general population.

94. Projections of Education Statistics to 1984-85. Edited by Kenneth Alan Simon and Martin M. Frankel. Washington, D.C.: U.S. Government Printing Office, 1976. 173pp. $3.00 (NCES 76-210).

Projections of Education Statistics 1985-86. Edited by Martin M. Frankel and Forrest W. Harrison. Washington, D.C.: U.S. Government Printing Office, 1977. $3.00 (Stock No. 017-080-01706-7).

Projections of Education Statistics to 1987-87. Edited by Martin M. Frankel. Washington, D.C.: U.S. Government Printing Office, 1978. 172pp. (Stock No. 017-080-01918-3).

These publications provide projections of statistics for elementary and secondary schools and institutions of higher education. The statistics include enrollments, graduates, teachers, and expenditures.

95. Standard Education Almanac 1978-79. 11th ed. Edited by Alvin Renetzky and Jon S. Greene. Chicago: Marquis Academic Media, 1978. 667pp. $37.50.

Both statistical and directory information on elementary and secondary, higher, and career and adult education in the United States are given. Also included are an overview of current trends in enrollment levels, employment status of teachers, educational achievement, and funding; equal education opportunity; educational resources; and related statistics. It is indexed by subject, organization,

personnel, and geographic location. See also citations 9, 17, 21.

96. U.S. Office of Education. Digest of Education Statistics. Washington, D.C.; U.S. Government Printing Office, 1979. $5.50 (Stock No. 017-080-02031-9).

This yearly abstract of statistical information covers all levels of education, as well as federal programs and related statistics. It tends to be one year or more out of date.

APPENDIX: GUIDES TO FUNDING SOURCES

97. Annual Register of Grant Support, 1978-79. 12th ed. Chicago: Marquis Academic Media, 1978. 736pp. $52.50.

A reference source to grant support programs of government agencies; public and private foundations; corporations; community trusts; unions; and educational, professional, and special interest organizations. Information includes type, purpose, and duration of grant; eligibility; instructions for applying; data for organization; and is indexed by subject, organization and program, geographic location, and personnel.

98. Commerce Business Daily. Washington, D.C.: U.S. Department of Commerce. Daily (Monday-Friday). $105 (priority), $80.00 (non-priority).

A daily synopsis of U.S. government proposed procurement invitations, contract awards, subcontracting leads, sales of surplus property, and foreign business opportunities.

99. Directory of Research Grants 1979. Edited by William K. Wilson. Phoenix, Arizona: Oryx Press, 1979. $37.50.

Up-to-date information on grant, contract, and fellowship support programs available from state and federal governments, private foundations, associations, and corporations. Subject-arranged entries describe the sponsoring organization and note application requirements and restrictions, contact person, and funds available.

100. The Foundation Center National Data Book. 3rd ed. Edited by Carol Kurzig. New York: The Foundation Center, 1978. 2 vols. $40.00.

Published annually, this directory includes financial profiles of 21,000 U.S. nonprofit private foundations, and enables grant seekers to identify them by size and/or geographic area.

101. The Foundation Center Source Book. Vols. I and II. Edited by Terry-Diane Beck and Alexis Teitz Gersumky. New York: Columbia University Press, 1975/1976. 1034pp. (v.1) 1316pp. (v.2). $65.00 per volume.

Compiled from data provided by foundations or from the public record, this book contains profiles of 227 of the largest U.S. foundations with national or regional giving patterns and assets generally greater than $7 million. All grants made in the year of record are listed along with detailed statements of policies, programs, application procedures, and current fiscal information.

102. Foundation Center Source Book Profiles. Edited by Carol M. Kurzig and others. New York: The Foundation Center, 1978. Looseleaf, bi-monthly. $175.00.

Monitors 1,000 of the largest U.S. grant-making foundations; about 85 new 3- to 5-page foundation profiles are published every other month, which include address, phone number, personnel, fiscal information, background, publications, application guidelines, and sample grants.

103. The Foundation Directory. 6th ed. Edited by Marianna O. Lewis. New York: The Foundation Center, 1977. 650pp. $36.00.

Complete listings are given for 2818 foundations with assets of $1 million or more or that award grants of $100,000 or more annually. Each listing includes: foundation name and address, date and form of organization, names of donors, scope statement, names of officers and trustees or directors, and financial data. Indexed by subject, state and city, donors, trustees and administrators, and foundation name, this file can also be searched by computer through Lockheed's DIALOG.

104. The Foundation Grants Index 1978. Edited by Lee Noe. New York: The Foundation Center, 1979. 478pp. Updated bimonthly in Foundation News, available for $20.00/year from The Council on Foundations, Box 783, Old Chelsea Station, New York, NY 10011.

This lists grants of over $5,000 made by almost 400 major foundations to agencies and organizations. Arranged alphabetically by state, grant records include amount awarded, name and location of recipient and description of the grant; they are indexed by key words and phrases, recipients, subject categories, and foundation name. The file may also be searched by computer through Lockheed's DIALOG.

105. Foundation Grants to Individuals. Edited by Carol M. Kurzig and others. New York: The Foundation Center, 1977. 227pp. $13.00.

Includes more than 1,000 foundation sources of funds for scholarships, fellowships, internships, residencies and travel grants for individuals. Arranged by broad program area with a detailed subject index.

106. Grant Information System. Compiled by William Wilson and Betty Wilson. Phoenix, Arizona: Oryx Press, 1974-present. Monthly. $375.00.

Incorporates Faculty Alert Bulletin, and includes grant references offered by federal, state, and local governments, commercial organizations, associations, and private foundations for over 88 academic disciplines. Available for computer searching in Grants Index of System Development Corporation's ORBIT. Online information includes only those grants currently available.

107. Grantsmanship Center News. Los Angeles: Grantsmanship Center, 1973-present. Bi-monthly. $15.00.

This bi-monthly magazine providing information on where and how to apply for private and government funds includes practical advice on proposal writing, foundation news, conferences, and federal regulations.

108. U.S. Office of Education. Catalog of Federal Education Assistance Programs. An Indexed Guide to Federal Government Programs Offering Educational Benefits to the American People. Washington, D.C.: U.S. Government Printing Office, 1978. $6.25 (Stock No. 017-080-01865).

This catalog includes the educational portions of the Catalog of Federal Domestic Assistance listed above.

109. U.S. Office of Management and Budget. Catalog of Federal Domestic Assistance. Washington, D.C.: U.S. Government Printing Office, 1978. $20.00.

This annual looseleaf guide to the complexities of federal, social, and economic assistance programs to states, communities, private groups, and individuals, is roughly classified by bureau functions, and gives authorizing statute, nature of program activities, eligibility and restrictions, deadlines, local and Washington contacts. It is also valuable for local agency addresses and services.

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